

Appendix C. ARB List of Chemicals to be Quantified

Acetaldehyde	Bromine and compounds
Acetamide	Bromoform
Acetone	Bromomethane (methyl bromide)
Acetonitrile	Butadiene (1,3-)
Acetophenone	Butoxyethanol (2-)
Acetylaminofluorene (2-)	Butyl acrylate
Acrolein	Butyl alcohol (n-)
Acrylamide	Butyl alcohol (sec-)
Acrylic acid	Butyl alcohol (tert-)
Acrylonitrile	Butyl benzyl phthalate
Aluminum (fume or dust)	Cadmium and compounds
Aluminum oxide	Calcium cyanamide
Allyl chloride	Caprolactam
Aminoanthraquinone (2-)	Captafol
Aminobiphenyl (4-)	Captan
Amitrole	Carbaryl
Ammonia	Carbon black extracts
Ammonium nitrate	Carbon disulfide
Ammonium sulfate	Carbon tetrachloride
Aniline	Carbonyl sulfide
Anisidine (o-)	Carrageenan
Antimony and compounds	Catechol
Arsenic and compounds	Chloramben
Arsine	Chloramphenicol
Asbestos and other naturally occurring mineral fibers (including erionite and asbestos-containing talc)	Chlordane
Barium and compounds	Chlorinated paraffins
Benzene	Chlorinated dioxins and dibenzofurans
Benzidine	Chlorine
Benzidine-based dyes	Chlorine dioxide
Benzofuran	Chloroacetic acid
Benzo(a)pyrene	Chloroacetophenone (2-) (CN)
Benzoyl chloride	Chlorobenzene
Benzoyl peroxide	Chlorobenzilate
Benzyl chloride	Chlorodifluoromethane
Beryllium and compounds	Chloroethane (ethyl chloride)
Biphenyl	Chloroform
Bis(2-chloroethyl)ether	Chloromethyl methyl ether
Bis(chloromethyl)ether	Chlorophenol (2-)
Bis(2-ethylhexyl)adipate	Chloro-o-phenylenediamine (4-)
Bis(2-ethylhexyl)phthalate	Chloropicrin
	Chloroprene
	Chloro-o-toluidene (p-)

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Chromium (III)	Dimethyl carbamoyl chloride
Chromium (VI)	Dimethylformamide (N,N-)
Cobalt and compounds	Dimethyl hydrazine (1,1-)
Coke oven emissions	Dimethyl phthalate
Copper and compounds	Dimethyl sulfate
Creosotes	Dinitro-o-cresol and salts
Cresidine (p-)	Dinitrophenol (2,4-)
Cresols (m-, o-, and p-)	Dinitrotoluenes
Cumene	Dioxane (1,4-)
Cumene hydroperoxide	Diphenylhydantoin
Cupferron	Diphenylhydrazine
Cyanide compounds	
Cyclohexane	EDB (ethylene dibromide; 1,2-dibromoethane)
Cycloheximide	Environmental tobacco smoke
Decabromodiphenyl oxide	Epichlorohydrin
Dialkylnitrosamines	Epoxybutane (1,2-) (EBU)
Diaminoanisole (2,4-)	Epoxy resins
Diaminotoluene (isomers)	Ethyl acrylate
Diazomethane	Ethylbenzene
Dibromo-3-chloropropane (1,2-) (DBCP)	Ethyl-4,4'-chlorobenzilate
Di-n-butyl phthalate	Ethoxyethanol (2-) (ethylene glycol ethyl ether)
Dichlorobenzene (1,2-)	Ethylene
Dichlorobenzene (1,3-)	Ethylene glycol
Dichlorobenzene (1,4-)	Ethyleneimine
Dichlorobenzidine (3,3'-)	Ethylene glycol ethyl ether acetate
Dichlorodiphenylchloroethylene	Ethylene glycol methyl ether acetate
Dichloroethane (1,1-)	Ethylene oxide
Dichloroethane (1,2-) (ethylene dichloride)	Ethylene thiourea
Dichloroethylene (1,1-) (vinylidene chloride)	
Dichlorophenol (2,4-)	Fluorides
Dichlorophenoxyacetic acid, salts and esters	Fluorine
Dichloropropane (1,2-)	Fluorocarbons, brominated
Dichloropropylene (1,3-) (Telone)	Fluorocarbons, chlorinated (not otherwise listed)
Dichlorvos	Formaldehyde
Dicofol	
Diesel engine emissions	Gasoline engine exhaust
Diesel fuel (marine)	Gasoline vapors
Diethanolamine	Glutaraldehyde
Diethyl phthalate	Glycol ethers (not otherwise listed)
Diglycidyl ether	Griseofulvin
Dimethylamine	
Dimethylaniline (N,N-)	Heptachlor
Dimethylbenzidine (3,3')- (o-tolidine)	

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Hexachlorobenzene	Methyl mercury (dimethylmercury)
Hexachlorobutadiene	Methyl methacrylate
Hexachlorocyclohexanes (including lindane)	Metronidazole
Hexachlorocyclopentadiene	Michler's ketone
Hexachloroethane	Mineral fibers (fine man-made fibers, including ceramic, glasswool, rockwool, and slagwool)
Hexamethylenediisocyanate (1,6-)	Molybdenum trioxide
Hexamethylphosphoramide	
Hexane (n-)	
Hydrazine	Naphthalene
Hydrogen chloride	Nickel & nickel compounds
Hydrogen cyanide	Niridazole
Hydrogen fluoride	Nitric acid
Hydrogen sulfide	Nitrilotriacetic acid
Hydroquinone	Nitrobenzene
	Nitrogen mustard N-oxide
Isophorone	Nitrophenol (4-)
Isopropyl alcohol	Nitropropane (2-)
Isopropylidenediphenol (4,4'-)	
Lead & lead compounds	PAHs (not including B(a)P)
Maleic anhydride	Parathion
Manganese & manganese compounds	Pentachloronitrobenzene (PCNB)
Mercury & mercury compounds	Pentachlorophenol
Methanol	Peracetic acid
Methoxychlor	Perchloroethylene
Methoxyethanol (2-) (ethylene glycol methyl ether)	Phenobarbitol
Methylaziridine (2-) (1,2-propyleneimine)	Phenol
Methyl t-butyl ether	Phenylenediamine (p-)
Methyl CCNU	Phenylphenol (2-)
Methyl chloride	Phosgene
Methylene chloride	Phosphine
Methylene bis(2-chloroaniline) (4,4')	Phosphoric acid
(MOCA)	Phosphorus and compounds
Methylene dianiline (4,4')	Phthalic anhydride
Methylene diphenyl isocyanate (MDI)	Polychlorinated biphenyls
Methylene diphenyl isocyanate, polymeric (MDI)	Progesterone
Methyl ethyl ketone	Propane sultone (1,3-)
Methylhydrazine	Propiolactone (beta-)
Methyl iodide	Propionaldehyde
Methyl isobutyl ketone	Propoxur (Baygon)
Methyl isocyanate	Propylene
	Propylene glycol monomethyl ether
	Propylene oxide
	Pyridine

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Quinoline Zinc & zinc compounds
Quinone (benzoquinone)

Reserpine
Residual (heavy) fuel oils

Selenium & selenium compounds
Silica (crystalline)
Silver and compounds
Sodium hydroxide
Styrene
Styrene oxide
Sulfuric acid

Terephthalic acid
Tetrachlorophenols
Thallium and compounds
Thioacetamide
Thiourea
Titanium tetrachloride
Toluene
Toluene diisocyanates (2,4- and 2,6-)
Toxaphene
Trichlorobenzene (1,2,4-)
Trichloroethane (1,1,1-) (methyl chloroform)
Trichloroethylene
Trichlorophenol (2,4,5- and 2,4,6-)
Triethylamine
Trifluralin
Trimethylbenzene (1,2,4-)
Trimethylpentane (2,2,4-)

Urethane

Vanadium fume or dust
Vinyl acetate
Vinyl bromide
Vinyl chloride

Wood preservatives (with arsenic and chromate)

Xylenes (m-, o-, p-)